

COMBINED DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name,

I believe I am an original, first, and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled CATALYST STRUCTURE AND METHOD OF FISCHER-TROPSCH SYNTHESIS, the specification of which

☐ is attached hereto.

☒ was filed on 8/17/99 as  
Application Serial No. 09/375,610

☐ and was amended on \_\_\_\_\_  
(if applicable)

☐ with amendments through \_\_\_\_\_  
(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, Sec. 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, Sec. 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

☒ no such applications have been filed

☐ such applications have been filed as follows

Prior Foreign Application(s)

Priority  
Claimed

NONE

<u>(Number)</u>	<u>(Country)</u>	<u>(Day/Month/Year Filed)</u>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<u>(Number)</u>	<u>(Country)</u>	<u>(Day/Month/Year Filed)</u>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<u>(Number)</u>	<u>(Country)</u>	<u>(Day/Month/Year Filed)</u>	<input type="checkbox"/> Yes	<input type="checkbox"/> No

I hereby claim the benefit under Title 35, United States Code, Sec. 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Sec. 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Sec. 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

NONE

<u>(Application Serial No.)</u>	<u>(Filing Date)</u>	<u>(Status - patented, pending, abandoned)</u>
<u>(Application Serial No.)</u>	<u>(Filing Date)</u>	<u>(Status - patented, pending, abandoned)</u>

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application, to file a corresponding international application, and to transact all business in the Patent and Trademark Office connected therewith:

Paul W. Zimmerman, Registration No. 34,761  
Stephen R. May, Registration No. 29,255

Address all correspondence to:

Stephen R. May K1-53  
Intellectual Property Services  
Battelle Memorial Institute  
Pacific Northwest Division  
Post Office Box 999  
Richland, WA 99352

Direct all phone calls to him at (509) 375-2387

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first joint inventor Yong Wang

Inventor's signature

[Signature]

8/17/1999  
Date

Residence Richland, Washington

Citizenship China

Post Office address 2884 Troon Ct. Richland, WA 99352

Full name of second joint inventor David P. Vanderwiel

Inventor's signature

[Signature]

8-17-99  
Date

Residence Richland, Washington

Citizenship U.S.A.

Post Office address 2550 Duportail St.G-241, Richland, WA 99352

Full name of third joint inventor Anna Lee Y. Tonkovich

Inventor's signature

[Signature]

8-17-99  
Date

Residence Pasco, Washington

Citizenship U.S.A.

Post Office address 1604 North 37th Place North, Pasco, WA 99301

Full name of fourth joint inventor Yufei Gao  
Inventor's signature *Yufei Gao* 8/27/99  
Date  
Residence Kennewick, Washington  
Citizenship ~~U.S.A.~~ P.R. China *Yufei Gao* 8/27/99  
Date  
Post Office address 302 N. Hawaii, Kennewick, WA 99336

Full name of third joint inventor Eddie G. Baker  
Inventor's signature *Eddie G. Baker* 8/17/99  
Date  
Residence Pasco, Washington  
Citizenship U.S.A.  
Post Office address 771 Kohler Road, Pasco, WA 99301

A S S I G N M E N T

Yong Wang  
David P. Vanderwiel  
Anna Lee Y. Tonkovich  
Yufei Gao  
Eddie G. Baker

to

Battelle Memorial Institute

WHEREAS we, Yong Wang, of Richland, in the County of Benton, and State of Washington; David P. Vanderwiel of Richland, in the County of Benton, and State of Washington; Anna Lee Y. Tonkovich, of Pasco, in the County of Franklin, and State of Washington; Yufei Gao of Kennewick, in the County of Benton, and State of Washington; and Eddie G. Baker of Pasco, in the County of Franklin, and State of Washington, have made certain inventions in CATALYST STRUCTURE AND METHOD OF FISCHER-TROPSCH SYNTHESIS, for which we are about to make application for Letters Patent of the United States; and


WHEREAS Battelle Memorial Institute, a corporation of Ohio, organized and existing under the laws of the State of Ohio, and having a place of business in the City of Richland, Washington, is desirous of acquiring an interest in the said invention and in any patent or patents to be obtained therefor;

NOW, THEREFORE, To All Whom It May Concern, be it known that, for and in consideration of the sum of One Dollar (\$1.00) each, and other good and valuable considerations, the receipt of which is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto the said Battelle Memorial Institute, the entire right, title, and interest in and to the invention shown, described, or claimed therein, and the full and exclusive right and title to the said application, executed by me on the 27<sup>th</sup> day of August, 1999, preparatory to obtaining Letters Patent of the United States therefor; and in and to any extensions, reissues, divisions, or renewals thereof; and we do hereby authorize and request the Commissioner of Patents or other proper Officer, to issue such Letters Patent, or any of them, to the said Battelle Memorial Institute, as the assignee of our entire right, title, and interest in and to the same for the sole use and benefit of the said Battelle Memorial Institute, and its successors or assigns.

And we further covenant and agree that we will, at the request and expense of the said Battelle Memorial Institute, execute such other and further assurances of title as may be necessary or proper to fully convey the interest herein sought to be conveyed; that we will, at the request and expense of the said Battelle Memorial Institute, execute such application papers as may be desired by the said Battelle Memorial Institute, for the filing of any division or renewal of the application herein conveyed, or for reissues or extensions, of any Letters Patent that may be granted upon said application, and will execute such Supplemental Oaths and Preliminary Statements, or other papers as desired by the said Battelle Memorial Institute.

And we further assign unto the said Battelle Memorial Institute, the whole right, title, and interest to the invention disclosed in the application throughout all countries foreign to the United States, and do hereby authorize the said Battelle Memorial Institute to apply for patents therefor in its own name in countries where such procedure is proper and to claim the benefit of the International Convention and do agree to execute applications for the said invention in the several countries where it is necessary that the same be executed by the inventors, and to execute assignments of such applications and the patents to be obtained therefor to the said Battelle Memorial Institute, the assignee herein, as well as all other necessary papers.

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at Richland, Washington, this 17 day of August, 1999.

  
Yong Wang

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at Richland, Washington, this 17 day of August, 1999.

  
David P. Vanderwiel


IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at Richland, Washington, this 17 day of August, 1999.

  
Anna Lee Y. Tonkovich

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal  
at Richland, Washington, this 27 day of August, 1999.

  
\_\_\_\_\_  
Yufei Gao

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal  
at Richland, Washington, this 17<sup>th</sup> day of August, 1999.

  
\_\_\_\_\_  
Eddie G. Baker

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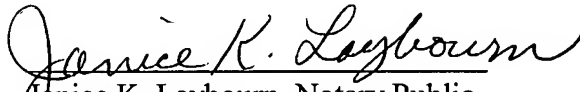
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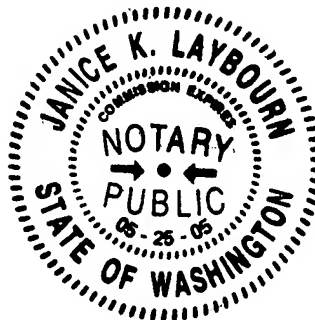
File No. B-1484 DIV

NOTARIAL CERTIFICATE

I, Janice K. Laybourn, a Notary Public for the State of Washington, do hereby certify that the attached is a true and exact copy of the Assignment of Joint Inventors for patent application S.N. 09/375,610 filed 08/17/99.

IN WITNESS WHEREOF, I have signed my name and affixed my official seal this 3rd day of January, 2002.

  
Janice K. Laybourn, Notary Public  
State of Washington  
Commission Expires May 25, 2005







B-1484

**UNITED STATES DEPARTMENT OF COMMERCE**  
**Patent and Trademark Office**  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

FEBRUARY 17, 2000

PTAS

STEPHEN R. MAY  
902 BATTELLE BLVD.  
P.O. BOX 999  
RICHLAND, WA 99352



\*101207493A\*

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Number *N/A*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 11/15/1999

REEL/FRAME: 010384/0965  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
WANG, YONG

DOC DATE: 08/17/1999

ASSIGNOR:  
VANDERVEL, DAVID P.

DOC DATE: 08/17/1999

ASSIGNOR:  
TONKOVICH, ANA LEE Y.

DOC DATE: 08/17/1999

ASSIGNOR:  
GAO, YUFEI

DOC DATE: 08/27/1999

ASSIGNOR:  
BAKER, EDDIE G.

DOC DATE: 08/17/1999

RECEIVED

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IP SERVICES

ASSIGNEE:

BATTELLE MEMORIAL INSTITUTE K1-53  
902 BATTELLE BLVD., INTELLECTUAL  
PROPERTY SERVICES  
K1-53 P.O BOX 999 INTELLECTUAL  
PROPERTY SERVICES  
RICHLAND, WASHINGTON 99352

SERIAL NUMBER: 09375610  
PATENT NUMBER:

FILING DATE: 08/17/1999  
ISSUE DATE:

MARY BENTON, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

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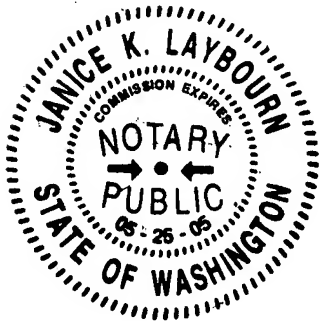
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Janice K. Laybourn  
Janice K. Laybourn, Notary Public  
State of Washington  
Commission Expires May 25, 2005

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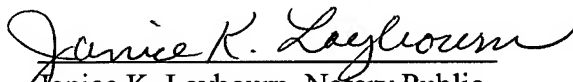
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Janice K. Laybourn, Notary Public  
State of Washington  
Commission Expires May 25, 2005

NOTARY PUBLIC STATE OF WASHINGTON